ContourProjector
FINE ART ILLUMINATION

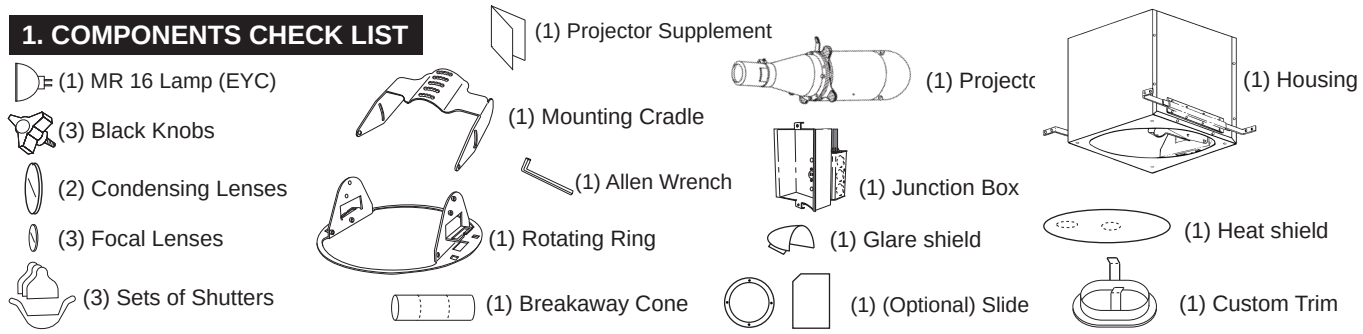
PHANTOM LIGHTING SYSTEM

INSTRUCTION SHEET
TA SERIES
TOP-ACCESS

READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE
This fixture is intended for installation in accordance with the National Electrical Code and local regulations. To ensure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electrical shock, turn off electricity at fuse box before proceeding. **Retain these instructions for maintenance reference. TECHINCAL SUPPORT (800) 863-1184 8am-4pm CDT M-F**

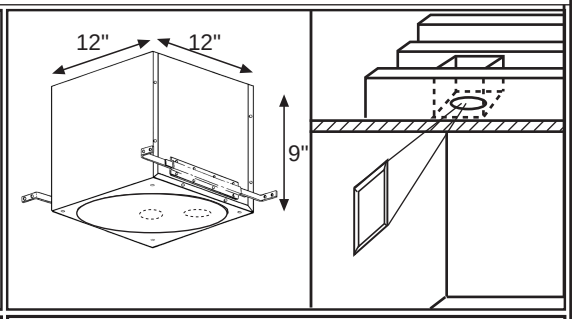
INSTALLATION PROCEDURE FOR PHANTOM TOP–ACCESS FIXTURE
REMOVE THE FIXTURE AND MOUNTING HARDWARE FROM THE CARTON. IDENTIFY ALL PARTS AND READ THE FOLLOWING ASSEMBLY INSTRUCTIONS BEFORE PROCEEDING WITH THE INSTALLATION. THE INSTRUCTIONS ARE IN A STEP BY STEP SEQUENCE FOR CORRECT AND EASY ASSEMBLY. PLEASE FOLLOW THE SEQUENCE! SAVE THE CARTON AND ALL PACKING MATERIALS UNTIL JOB IS COMPLETE. **SAVE THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE!** U.S.. PATENT PENDING

1. COMPONENTS CHECK LIST



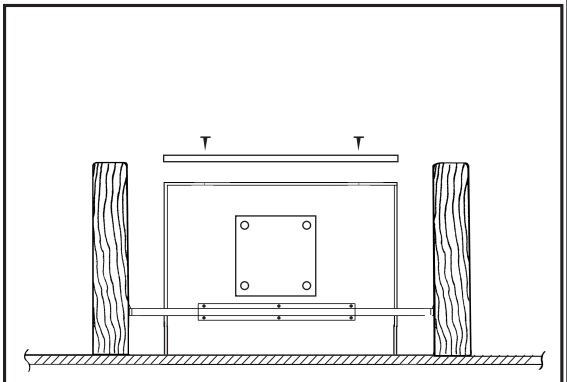
2. DETERMINE MOUNTING LOCATION

A projector supplement has been provided to illustrate projector performance, location and beam configurations. Determine the exact location and verify adequate space between rafters and depth of ceiling cavity to accommodate housing before proceeding. Because this a custom installation a second person might be required to assist in the application.



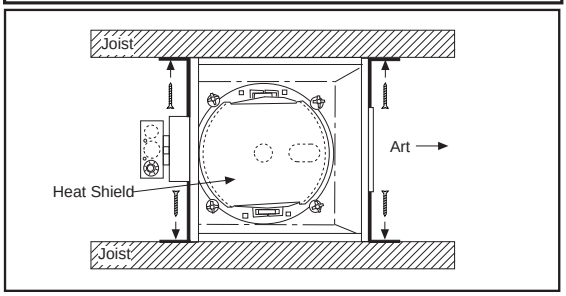
3. INSTALL HOUSING / ATTIC ACCESS ONLY

Once you have determined the best location for the projector, go into the attic to see if you have the area necessary to install the housing. Using a Philips head screwdriver make a hole in the best location for the projector trim. After making your hole go to the floor below and check to see if it is in the correct location. Keep the hole that you made with the screwdriver in the center of the elongated hole in the heat shield. Adjust the housing forward or backward as needed. The mounting arms are turned inwards for shipping purposes, rotate the arms to the outward position so that you will have a better drilling position for your mounting screws. Extend the mounting arms to fit snuggly between joists and screw into place. Tighten the three hex head screws to anchor the arms and secure to housing.



4. CUT OPENING FOR CUSTOM TRIM

Using the heat shield and a key hole saw, cut around edge of appropriate knock out hole as clean as possible. Elongated hole is for angle aiming and the center hole is for vertical aiming. It is OK if the housing and projector are not centered on painting. The projector works perfectly at angles off center of art. For vertical appplications no trim is provided.



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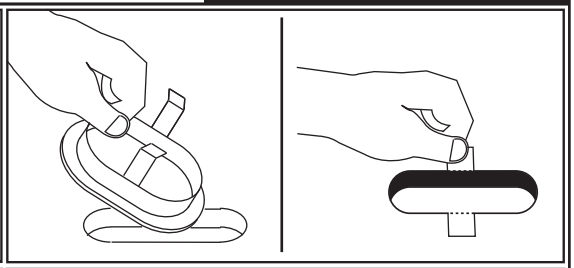
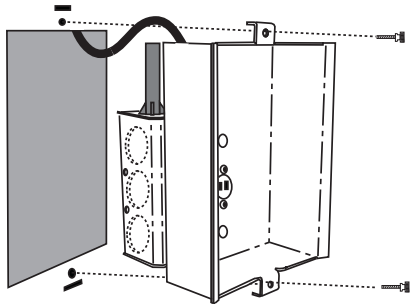
5. INSERT TRIM

Once you have cut your opening, remove the heat shield temporarily to install your elongated trim into opening. Pull the elongated trim back up to ceiling and bend the flanges down for a tight fit against ceiling. Staple flanges to sheet rock to secure. Install glare shield if desired. Replace the heat shield back into position.



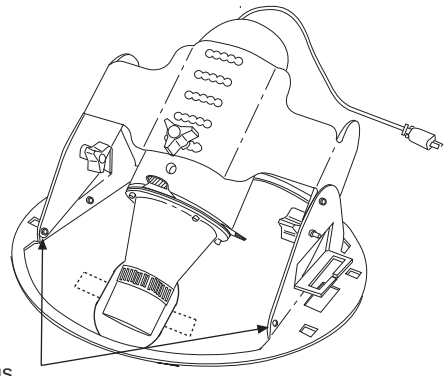
7. WIRE IN

Remove metal cover from junction box and inspect wiring compartment. Install strain relief device(s) and bring SUPPLY WIRES into junction box. **Allow adequate slack in wire(s) to pull J-BOX into housing for servicing transformer.** Connect *WHITE transformer and thermal protector lead to neutral supply lead. Connect BLACK thermal protector lead to HOT (120V) supply lead*. Connect *GREEN fixture wire to supply ground lead*. Place all electrical connections in J-BOX and close the J-BOX cover. (See wiring diagram on bottom of page)



6. INSTALL PROJECTOR AND CRADLE

Lower your projector cone into opening and position the projector back at the desired angle. The cradle fits over the projector to hold it into place. Install the projector into the cradle with the three holes on the projector facing up and secure using one black knob to the center hole. Insert pivot pegs into pivot holes on cradle. This is your aiming angle pivot. Angle projector to correct position and tighten the 2 black knobs on sides of cradle. See projector supplement sheet for further instructions regarding lens combinations and projector set up.

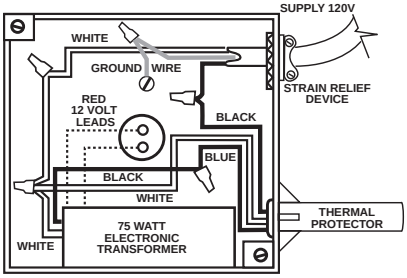


Pivot Pegs

DIMMING NOTES This fixture contains an electronic transformer that may require the use of a special dimmer.

LAMPING AND TRANSFORMER NOTES

Socket manufacturers have suggested that sockets may fail after 3 to 6 lamp changes. If this occurs the socket can be replaced by disconnecting the fixture lead wires and replacing it with a new socket procured through **PHANTOM™ LIGHTING**. In the event of a short circuit or overload, the transformer will automatically shut down the output. The transformer will automatically reset as soon as the short is corrected.



TRANSFORMER REPLACEMENT

1. **Make sure** power is off.
2. **Remove** ceiling trim, projector and mounting cradle.
3. **Remove** junction box and disconnect supply wires.
4. **Remove** transformer from junction box and replace.
5. **Splice** transformer red leads to white socket leads.
6. **Splice** transformer black lead to thermal protector blue lead.
7. **Splice** transformer and thermal protector white leads to supply common leads.
8. **Splice** thermal protector black lead to supply black lead.
9. **Replace** junction box cover.
10. **Reinstall** projector mounting cradle, projector and ceiling trim.

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